

LATERAL FLOW CONTACT TEST APPARATUS

Abstract

A test strip assembly for detecting the presence of a substance in liquid sample

5 comprises a contact detection pad in communication with a reagent-free absorbent strip. The absorbent strip receives the liquid sample and communicates it to the contact detection pad via lateral flow. The absorbent strip and contact detection pad are adhered to a support. A liquid impermeable pad is disposed adjacent to and spaced apart from the contact detection pad to prevent any further travel of the sample. Further 10 add-on assemblies may be coupled to the base test strip assembly. The test strip assembly may be disposed in a housing along with a drug test strip to form a device that performs multiple types of tests. Methods for assaying and manufacturing are also provided.